

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61B6/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/040669 A1 (GRASS MICHAEL ET AL) 27 February 2003 (2003-02-27)	1,2,4
Y	paragraph '0027! - paragraph '0041!; figure 1	6
X	US 6 442 235 B2 (KLOTZ ERHARD PAUL ARTUR ET AL) 27 August 2002 (2002-08-27)	1,2,4
Y	column 1, line 17 - column 3, line 11; claims 2,5	6
	column 3, line 55 - column 7, line 24; figure 1	
Y	US 6 337 992 B1 (GELMAN HAIM) 8 January 2002 (2002-01-08)	6
A	column 4, line 3 - column 6, line 47; figures 1,3	1-5

	-/-	

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the international search report

24 November 2004

15/12/2004

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2003/069499 A1 (LAUNAY LAURENT ET AL) 10 April 2003 (2003-04-10) paragraph '0031! - paragraph '0035! paragraph '0057! - paragraph '0076!; figures 7-9,12	1,2,6

INTERNATIONAL SEARCH REPORT

International application No.
PCT/IB2004/051432

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: 7-10 because they relate to subject matter not required to be searched by this Authority, namely:
Rule 39.1(iv) PCT – Method for treatment of the human or animal body by surgery. Method claims 7-10 involve the implicit surgical step of injecting a contrast-medium into the vascular system.
2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

The additional search fees were accompanied by the applicant's protest.

No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2004/051432

Patent document cited in search report	Publication date		Patent family member(s)		Publication date
US 2003040669	A1	27-02-2003	DE 10100572 A1 EP 1352365 A1 WO 02056260 A1 JP 2004517667 T		11-07-2002 15-10-2003 18-07-2002 17-06-2004
US 6442235	B2	09-08-2001	DE 10000185 A1 CN 1317292 A EP 1114615 A2 JP 2001212125 A US 2001012328 A1		12-07-2001 17-10-2001 11-07-2001 07-08-2001 09-08-2001
US 6337992	B1	08-01-2002	WO 9832376 A1 EP 0967917 A1 JP 2001508326 T		30-07-1998 05-01-2000 26-06-2001
US 2003069499	A1	10-04-2003	FR 2822048 A1 JP 2004523318 T WO 02074163 A1		20-09-2002 05-08-2004 26-09-2002